

Proposed Management Plan for the Santa Rosa and San Jacinto Mountains National Monument/FEIS
Executive Summary of Effects of National Monument Plan Alternatives

Environmental Element	Table ES-3: Effects of National Monument Plan Alternatives NOTE: Where specific plan element actions are not discussed, no beneficial nor adverse impacts are anticipated.			
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Air Quality	<p>Biological Resources – Management of Special Species: Recovery efforts in habitat efforts would usually protect vegetative cover and limit habitat and soil disturbance. Alternatives A, B and C provide for the development of a Strategic Recreation Plan, incorporating decisions from the multijurisdictional Trails Management Plan. Monitoring would likely preserve habitat, vegetative cover, and preclude incompatible development. This would enhance long-term protection of regional air quality. Public Information efforts and Education and Interpretation programs could increase traffic in the Monument. Due to the relatively small amount of Forest Service and BLM roads open for motorized travel within the National Monument, this strategy would not adversely impact regional air quality.</p> <p>Management of Visitation, Facilities, and Uses –Facility Development: Prioritizing facility development in already disturbed areas would limit surface disturbing activities and limit the</p>	<p>Biological Resources – Management of Special Species: Same as A</p> <p>Strategic Recreation Plan: Same as A</p> <p>Education and Interpretation: Same as A</p> <p>Management of Visitation, Facilities, and Uses – Facility Development: Same as A</p>	<p>Biological Resources – Management of Special Species: Same as A.</p> <p>Strategic Recreation Plan: Same as A</p> <p>Education and Interpretation: Same as A</p> <p>Management of Visitation, Facilities, and Uses – Facility Development: Same as A</p>	<p>Biological Recourses- Management of Special Species: Current recovery efforts in other habitats would provide vegetative cover and limit habitat and soil disturbance but probably not to the extent of Alternative A.</p> <p>Strategic Recreation Plan: Recreation management for trails occurs on an as-needed, case-by-case basis on BLM-managed lands. Future actions would be evaluated to determine if there were any potential impacts to air quality.</p> <p>Education and Interpretation: No change in impact to air quality would occur.</p> <p>Management of Visitation, Facilities, and Uses –Facility Development: Future projects on BLM- and Forest Service-managed lands would be subject</p>

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Air Quality	<p>production of dust. This would limit future adverse impacts to regional air quality.</p> <p>Management of Visitation, Facilities, and Uses – Fire Plan: Coordination among agencies responsible for fire management would increase the effectiveness of regional air quality management, or management across jurisdictional boundaries.</p>	<p>Management of Visitation, Facilities, and Uses – Fire Plan: Same as A</p>	<p>Management of Visitation, Facilities, and Uses – Fire Plan: Same as A</p>	<p>to required environmental review.</p> <p>Management of Visitation, Facilities, and Uses – Fire Plan: The implementation of fire management strategies is not expected to have an adverse impact on regional air quality. Any prescribed burning must be conducted in consultation with the South Coast Air Quality Management District in order to minimize potential adverse impacts.</p>
Cultural Resources and Native American Concerns	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: Removal of non-native, noxious weeds, and invasive species and reintroduction of indigenous species would have a positive effect by increasing the availability of plants used traditionally. Adverse effects would be avoided where feasible and mitigated as necessary.</p> <p>Recreational Resources – Recreational Paintball: Recreational paintball has the potential to cause negative</p>	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: Same as A</p> <p>Recreational Resources – Recreational Paintball: Same as A</p>	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: Same as A</p> <p>Recreational Resources – Recreational Paintball: Same as A</p>	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: No impact on Native American Concerns.</p> <p>Recreational Resources – Recreational Paintball: Allowing paintball to occur would have a negative impact on cultural resources.</p>

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Cultural Resources and Native American Concerns	<p>impacts including displaced or broken artifacts and damage to or defacement of features from trampling and paint.</p> <p>Recreational Resources – Recreational Shooting: Intrusive materials from targets and spent shells could be deposited on archaeological sites. Damage to rock art panels can occur when they are used for targets.</p> <p>Recreational Resources - Forest Service Adventure Pass: There would be a positive impact to Native American concerns if they were not required to secure an Adventure Pass prior to accessing Monument lands.</p> <p>Educational Resources Strategy – Including Public Information, Signage, Education and Interpretation: Tribal members have commented on the need for an</p>	<p>Recreational Resources – Recreational Shooting: Same as A.</p> <p>Recreational Resources - Forest Service Adventure Pass: Same as Alternative A.</p> <p>Educational Resources Strategy – Including Public Information, Signage, Education and Interpretation: Same as A</p>	<p>Recreational Resources – Recreational Shooting: The potential for negative impacts to cultural resources from firearms would be decreased if recreational shooting were not allowed. Negative impacts to rock art panels could occur if recreational shooters used them for targets.</p> <p>Recreational Resources - Forest Service Adventure Pass: Requirement of an Adventure Pass for parking on BLM and Forest Service land would have a negative impact on Native American concerns because it would impose a fee on those who desire to access public lands for ceremonial purposes, collecting and gathering of materials, or visiting ancestral sites.</p> <p>Educational Resources Strategy – Including Public Information, Signage, Education and</p>	<p>Recreational Resources – Recreational Shooting: Same as A.</p> <p>Recreational Resources - Forest Service Adventure Pass: There would be no impact to Native American concerns on BLM and Forest Service managed lands.</p> <p>Educational Resources Strategy – Including Public Information, Signage, Education and Interpretation: Tribal concerns for trespass and impacts from recreation would not be addressed.</p>

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Cultural Resources and Native American Concerns	educational program that would foster respect for their lands, resources, and traditions and limit visitation to culturally sensitive areas and trespass.		Interpretation: Same as A	
Biological Resources	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native and Invasive Plant Species: Inventory of non-native species and an action plan for eradication and control would benefit all species. Coordination of activities would increase effectiveness of control efforts and would result in a comprehensive, approach to non-native plant management.</p> <p>Biological Resources –Wildlife Management: Special Status Species: This alternative would enable BLM and Forest Service to conduct plant and animal inventories across the National Monument to determine distribution and habitat use and would expedite project analyses and facilitate research permits and authorizations of projects.</p> <p>Biological Resources – Monitoring: Collaboration with local agencies, cities, etc., would increase effectiveness and</p>	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native and Invasive Plant Species: Same as A</p> <p>Biological Resources – Wildlife Management: Special Status Species: Same as A</p> <p>Biological Resources – Monitoring: Same as A</p>	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native and Invasive Plant Species: Same as A</p> <p>Biological Resources – Wildlife Management: Special Status Species: Same as A</p> <p>Biological Resources – Monitoring: Same as A</p>	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native and Invasive Plant Species: Current BLM and Forest Service efforts to control non-native, invasive plant species are coordinated with local agencies and the Agua Caliente Band of Cahuilla Indians. Forest Service has a National noxious weed management plan that has not been implemented due to lack of weed-free vendors in the area.</p> <p>Biological Resources –Wildlife Management: Special Status Species: No adverse impacts to management of special status species would result from the No Action alternative.</p> <p>Biological Resources – Monitoring: The adverse impact to biological species management from the No Action</p>

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Biological Resources	<p>coverage of monitoring. Annual reports would provide accountability of monitoring efforts. Monitoring for changes in populations and distribution over time would enable managers to adjust management actions.</p> <p>Cultural Resources Strategy – Including Research, Inventory, etc.: Interpretation and outreach programs would benefit plants and animals by providing a broader context for the public to understand the importance of these resources to early inhabitants. Cultural resource activities and protection may impact current management activities.</p> <p>Recreation Resources - Strategic Recreation Plan: A Strategic Recreation Plan would provide coordination of recreation use, benefiting sensitive species.</p> <p>Recreation Resources – Hang Gliding: Permits issued would be subject to mitigation and avoidance measures intended to reduce disturbance to bighorn sheep and other wildlife species.</p>	<p>Cultural Resources Strategy – Including Research, Inventory, etc.: Same as A</p> <p>Recreation Resources - Strategic Recreation Plan: Same as A</p> <p>Recreation Resources – Hang Gliding: The impacts described in Alternative A would be avoided completely in bighorn sheep habitat but may occur elsewhere on the National Monument if hang gliding launches and landings were allowed.</p>	<p>Cultural Resources Strategy – Including Research, Inventory, etc.: Same as A</p> <p>Recreation Resources - Strategic Recreation Plan: Same as A</p> <p>Recreation Resources – Hang Gliding: Hang gliding launches and landings on BLM and Forest Service land within the National Monument would be prohibited. This would avoid any and all impacts related to this use.</p>	<p>approach is the lack of an integrated, landscape level approach.</p> <p>Cultural Resources Strategy – Including Research, Inventory, etc.: Under the No Action Alternative, cultural resource work would occur on a project-specific basis. Impacts to plants and animals would be evaluated case-by-case.</p> <p>Recreation Resources - Strategic Recreation Plan: Recreation management would continue as provided under the CDCA Plan (1980 as amended) and the Forest Service SBNF Plan (1989).</p> <p>Recreation Resources – Hang Gliding: The impacts described in Alternative A could occur if this activity was allowed unregulated.</p>

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Biological Resources	<p>Recreation Resources – Recreational Paintball: Paint may be splattered across surfaces of plants and rocks, paintball capsules would be left on the ground, vegetation and rocks are rearranged to provide targets and courses for play. Allowing paintball within the National Monument would result in adverse impact to biological resources.</p> <p>Recreation Resources - Recreational Shooting: Impacts to wildlife occupying habitat adjacent to designated shooting areas may include disruption of feeding, breeding, or resting, temporary or permanent habitat displacement, and direct mortality from shooters. Designations of shooting areas would help minimize illegally dumped items often used for targets</p> <p>Recreational Resources – Pets- Outside Essential Bighorn Sheep Habitat: This alternative would provide no protection for wildlife species, other than bighorn sheep, from being chased or harassed by dogs. Domestic pets are known predators of wildlife.</p>	<p>Recreation Resources – Recreational Paintball: Same as A</p> <p>Recreation Resources - Recreational Shooting: Dispersed recreational shooting would impact wildlife species less than designated areas because disturbance would not be in one location. Dispersed shooting may lead to increased trash dumping. The accumulation of lead in the environment has not been fully analyzed but has known negative effects on wildlife.</p> <p>Recreational Resources – Pets- Outside Essential Bighorn Sheep Habitat: Wildlife would not be subject to harassment and chasing. Dogs would be leashed which would reduce interactions between wildlife and pet recreation.</p>	<p>Recreation Resources – Recreational Paintball: Same as A</p> <p>Recreation Resources - Recreational Shooting: Prohibition of shooting would result in no recreational shooting related impacts to wildlife species within the National Monument.</p> <p>Recreational Resources – Pets- Outside Essential Bighorn Sheep Habitat: Developed facilities would include visitor centers, trailheads, parking lots, and campgrounds. Enforcement of leash regulations would help ensure that wildlife was not harassed or chased by</p>	<p>Recreation Resources – Recreational Paintball: . Current management by BLM and Forest Service does not prohibit paintball recreation activities within the National Monument.</p> <p>Recreation Resources - Recreational Shooting: Impacts to wildlife may occur wherever shooting occurs, including direct mortality, injury, and disturbance, which may result in temporary or permanent habitat displacement and damage.</p> <p>Recreational Resources – Pets- Outside Essential Bighorn Sheep Habitat: Impacts to plants and animals may include destruction of plants and harassment and/or harm to wildlife. Some dogs would become lost and subsequently</p>
Biological				

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Resources	<p>Water Resources – Surface and Ground Water Resources: Coordination of water resource management actions would increase effectiveness of management actions, increasing quality and quantity of water for wildlife and facilitating recovery of threatened and endangered species</p> <p>Adaptive Management and Monitoring Program – Implementing the Plan: Coordination with partner agencies would benefit biological resources by increasing the effectiveness and efficiency with which biological species and habitats would be managed.</p>	<p>Water Resources – Surface and Ground Water Resources: Same as A</p> <p>Adaptive Management and Monitoring Program – Implementing the Plan: Same as A</p>	<p>dogs.</p> <p>Water Resources – Surface and Ground Water Resources: Same as A:</p> <p>Adaptive Management and Monitoring Program – Implementing the Plan: Same as A</p>	<p>turn feral.,</p> <p>Water Resources – Surface and Ground Water Resources: Monitoring and repairing water sources for biological resources would be done on a case-by-case basis.</p> <p>Adaptive Management and Monitoring Program – Implementing the Plan: Negative impacts to biological resources because actions would be limited to only those funded completely by Forest Service and BLM.</p>
Soil, Geology, Mineral and Energy Resources	<p>Recreational Resources – Recreational Paintball: Prohibiting recreational paintball would not adversely impact geologic, soil, mineral, and energy resources in the National Monument</p> <p>Geological Resources Strategy –Including Inventory and Mapping, Protection and Preservation, etc.: There would be positive impacts to geologic</p>	<p>Recreational Resources – Recreational Paintball: Same as A</p> <p>Geological Resources Strategy –Including Inventory and Mapping, Protection and Preservation, etc.: Same as A</p>	<p>Recreational Resources – Recreational Paintball: Same as A</p> <p>Geological Resources Strategy –Including Inventory and Mapping, Protection and Preservation, etc.: Same as A</p>	<p>Recreational Resources – Recreational Paintball: Paintball has the potential to deface geologic resources within the National Monument.</p> <p>Geological Resources Strategy –Including Inventory and Mapping, Protection and Preservation, etc.: No impacts to mineral and energy resources, however, geologic and soil resources may be impacted due</p>

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Soil, Geology, Mineral and Energy Resources	<p>and soil resources. These would consist of an inventory and map all of the important geologic resources, a compilation of all sources of geologic maps and current USGS mapping projects to support the preparation of a comprehensive geologic map of the Monument, a mapping of the geology in the unmapped easterly portions of the National Monument, and a 3rd order soil survey for non-mapped portions of the Monument. There would be no impacts to minerals and energy resources with this alternative.</p> <p>Educational Resources Strategy – Including Public Information, Signage, Education and Interpretation: An education resource strategy would result in a positive impact to geologic and soil resources within the Monument by informing the public of the importance of these resources.</p> <p>Management of Scientific Resources: Under the preferred alternative, research in the Monument relative to geologic, soils, minerals, and energy resources would be promoted and encouraged so long as</p>	<p>Educational Resources Strategy – Including Public Information, Signage, Education and Interpretation: Same as A</p> <p>Management of Scientific Resources: Same as A</p>	<p>Educational Resources Strategy – Including Public Information, Signage, Education and Interpretation: Same as A</p> <p>Management of Scientific Resources: Same as A</p>	<p>to the lack of a comprehensive geologic and soils inventory of the Monument.</p> <p>Educational Resources Strategy – Including Public Information, Signage, Education and Interpretation: No impacts to geologic, soil, mineral, and energy resources.</p> <p>Management of Scientific Resources: No impacts to geologic, soil, mineral, and energy resources.</p>

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	permitting and NEPA requirements are satisfied. Additionally, research work related to these resources would be coordinated and organized. Water Resources - Surface and Ground Water Resources: Soil resources would be positively impacted from a watershed assessment and action plan. It would identify areas subject to soil erosion and soil loss within the Monument, and identify measures to mitigate these conditions.	Water Resources - Surface and Ground Water Resources: Same as A	Water Resources - Surface and Ground Water Resources: Same as A	Water Resources - Surface and Ground Water Resources: No impacts to geologic, soil, mineral, and energy resources.
Noise	Biological Resources – Monitoring Program: Any monitoring efforts that would include the use of motorized vehicles such as cars and helicopters would result in a temporary, short term increase of noise in the surrounding environment. Cultural Resources: Proposed trail reroutes or closures to protect sensitive resources would help minimize noise levels generated by hikers, mountain bikers and equestrians, although such noise levels are considered minor.	Biological Resources – Monitoring Program: Same as A. Cultural Resources: Same as A.	Biological Resources – Monitoring Program: Same as A. Cultural Resources: Same as A.	Biological Resources – Monitoring Program: Adoption of this alternative would maintain current noise levels associated with implementation of the CDCA and FS SBNF Management Plans. Cultural Resources Strategy: Adoption of this alternative would maintain current noise levels associated with the CDCA and FS SBNF Management Plan.

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Noise	<p>Shooting generates noise. The use of designated shooting areas would while increasing noise in a specific area, help reduce noise/land use incompatibilities in sensitive Monument areas.</p> <p>Education and Interpretive Strategy could result in an increase in the noise environment due to increase visitor use and motorized vehicle traffic This increase would be restricted to certain areas and minor.</p>	<p>Shooting generates noise. This alternative would not result in change from the current FS policy. The level of noise on BLM lands would be lower although the levels would be minor.</p> <p>Education and Interpretive Strategy: Same as A.</p>	<p>Prohibiting Shooting within the Monument would lower noise levels.</p> <p>Education and Interpretive Strategy: Same as A.</p>	<p>Adoption of this alternative with regard to Recreational Shooting would result in no change to the current status of noise levels within the Monument.</p> <p>Educational Resources Strategy: Adoption of this alternative would maintain current noise levels associated with the implementation of the CDCA and FS Forest Plans.</p>
Recreational Resources	<p>Biological Resources: Collaborative management of Special Status Species would enhance opportunities for wildlife viewing if it leads to an increase in numbers and distribution of species currently listed as threatened or endangered.</p> <p>Cultural Resources Strategy: The interpretation of historic and prehistoric “magnet” sites, and development of other interpretive programs and materials, would enhance opportunities for experiencing and understanding the history of the area.</p> <p>Strategic Recreation Management Plan: Impacts to Recreation occurring on BLM</p>	<p>Biological Resources – Habitat Management of Special Status Species: Same as A</p> <p>Cultural Resources Strategy: Same as A.</p> <p>Strategic Recreation Management Plan: Same as A.</p>	<p>Biological Resources – Habitat Management of Special Status Species: Same as A</p> <p>Cultural Resources Strategy: Same as A.</p> <p>Strategic Recreation Management Plan: Same as A.</p>	<p>Biological Resources – Habitat Management of Special Status Species has supported recovery efforts for threatened and endangered species, thereby enhancing opportunities for wildlife viewing.</p> <p>Cultural Resources Strategy: Current programs would enhance recreational opportunities on a case-by-case basis.</p> <p>Lack of a Strategic Recreation Management Plan would continue an uncoordinated approach to management of recreation resources by various</p>

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Recreational Resources	<p>and Forest Service lands from the pending trails management plan for the Mountains, to be incorporated in the strategic plan, would be analyzed through the relevant NEPA document. Establishing and participating in a multi-jurisdictional working group to address changing circumstances would allow for more effective management; actions undertaken by the various partners and would be proactive, thereby minimizing potential user conflicts or damage to resource values before they occur.</p> <p>A permitting program for Hang Gliding, in conjunction with identification of approved launching and landing sites, would provide for increased control and greater assuredness that such opportunities would be available.</p> <p>Impacts to recreation from allowing pets in designated areas at visitor centers, parking areas, and other developed sites Within Essential Bighorn Sheep Habitat, and requiring they be on a leash in such areas, would be addressed upon development of a trails</p>	<p>Restricting Hang Gliding activities, including launchings and landings, to areas outside and not adjacent to essential bighorn sheep habitat would diminish opportunities for this activity.</p> <p>Pets Within Bighorn Sheep Habitat : Same as A.</p>	<p>Hang Gliding: Same as B.</p> <p>Pets Within Bighorn Sheep Habitat: Same as A.</p>	<p>jurisdictions resulting in expenditures of funds on redundant and unneeded facilities and incompatibility of recreational uses and information.</p> <p>Controversy surrounding the Vista Point-Visitor Center use area for Hang Gliding activities would likely continue, thereby clouding perceptions of opportunities for this activity.</p> <p>Impacts from managing pets Within Bighorn Sheep Habitat in accordance with the CDCA Plan Amendment for the Coachella Valley would be addressed upon development of a trails management plan for the Santa Rosa and San Jacinto Mountains.</p>

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Recreational Resources	<p>management plan for the Santa Rosa and San Jacinto Mountains. The potential for adverse effects from free-roaming dogs Outside Essential Bighorn Sheep Habitat would continue on BLM lands and increase on Forest Service lands.</p>	<p>Requiring Pets to be on leashes Outside Bighorn Sheep Habitat would diminish the opportunities to allow the pet to run free, which enhances the quality of their exercise. Conversely, trail users would not be afraid for their safety by encountering unleashed dogs running ahead of their owners.</p>	<p>Restricting Pets Outside Bighorn Sheep Habitat to paved surfaces and designated pet areas at developed facilities diminishes opportunities for visitors to experience the Monument's backcountry with their pets. Conversely, the prohibition of pets in the backcountry could enhance enjoyment of a visitor's experience to the Monument. Encounters with dogs and the fears they instill in certain individuals would be reduced.</p>	<p>Opportunities for individuals to enjoy the Monument's resources in the company of their Pets Outside Bighorn Sheep Habitat, where such use is currently allowed, would be maintained.</p>
Recreational Resources	<p>Educational Resources Strategy: Dissemination of information about recreation opportunities and protection of resource values, as well as the development of interpretive and educational displays and programs, would enhance visitor enjoyment.</p> <p>Management of Scientific Resources: Improved understanding of resource issues</p>	<p>Educational Resources Strategy: Same as A</p> <p>Management of Scientific Resources: Same as A</p>	<p>Educational Resources Strategy: Same as A</p> <p>Management of Scientific Resources: Same as A</p>	<p>Educational Resources Strategy: Current dissemination of information, and provision of interpretive and educational programs and materials would continue to enhance visitor enjoyment of the Monument though to a lesser extent than with Alternative A.</p> <p>Management of Scientific Resources: Benefits would be similar to those discussed under</p>

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	<p>through Research could result in greater sensitivity to the impacts that visitor use may have on the resources themselves.</p> <p>The parameters identified under this alternative for Facility Development would ensure facilities are developed or upgraded where needed, and located to minimize new disturbances to the landscape, thereby enhancing visitor enjoyment of the Monument by protecting resource values.</p>	<p>Management of Visitation, Facilities, and Uses – Facility Development: Same as A</p>	<p>Management of Visitation, Facilities, and Uses – Facility Development: Same as A</p>	<p>Alternative A, though perhaps slower in being realized.</p> <p>Management of Visitation, Facilities, and Uses –Facility Development: Visitor recognition of Monument facilities would be diminished if a thematic architectural design is not established; visitors could pass by informational and educational facilities if they fail to associate them with the Monument, thus not gain valuable information regarding Monument opportunities and resource values. Development or improvement of facilities could be delayed under less-defined parameters, delaying opportunities to enhance visitor enjoyment.</p>
Scenic Resources	<p>The Monument Plan focuses on management strategies and does not identify actions that would result in site-specific surface disturbances. Determinations regarding conformance with visual resource management objectives would be made when specific project proposals are under consideration by the affected agency.</p>			
Water Resources	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: Eradication of noxious, non-native and invasive plant species would</p>	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: Same as A</p>	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: Same as A</p>	<p>Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: Continuing to coordinate with Agua Caliente Band of Cahuilla Indians and</p>

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Water Resources	<p>benefit water resources. Removing non-native species removes these plants from competing with native vegetation for water resources. Working with neighboring cities to educate the public about xeriscaping would benefit the water resources throughout the National Monument.</p> <p>Biological Resources – Management of Special Species and Monitoring: Coordinating special species management provides a positive benefit as it adds to the understanding of species needs related to water resources.</p> <p>Recreation Resources - Strategic Recreation Management Plan: A future plan would help manage activities as they relate to recreational use near water resources in the National Monument and would help our ability to manage water resources.</p> <p>Geological Resources Strategy –Including Inventory and Mapping, Protection and Preservation, etc.: An inventory of geologic</p>	<p>Biological Resources – Management of Special Species and Monitoring: Same as A</p> <p>Recreation Resources - Strategic Recreation Management Plan: Same as A</p> <p>Geological Resources Strategy –Including Inventory and Mapping, Protection and Preservation, etc.: Same as A</p>	<p>Biological Resources – Management of Special Species and Monitoring: Same as A</p> <p>Recreation Resources - Strategic Recreation Management Plan: Same as A</p> <p>Geological Resources Strategy –Including Inventory and Mapping, Protection and Preservation, etc.: Same as A</p>	<p>other partners to eradicate tamarisk would have a positive impact on water resources.</p> <p>Biological Resources – Management of Special Species and Monitoring: The No Action Alternative would not impact water resources.</p> <p>Recreation Resources – Strategic Recreation Management Plan: The No Action Alternative would not impact water resources.</p> <p>Geological Resources Strategy –Including Inventory and Mapping, Protection and Preservation, etc.: Long-term management</p>

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Executive Summary of Effects of National Monument Plan Alternatives

Environmental Element	Table ES-3: Effects of National Monument Plan Alternatives NOTE: Where specific plan element actions are not discussed, no beneficial nor adverse impacts are anticipated.			
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	Alternative A	Alternative B	Alternative C	Alternative D
Water Resources	<p>resources would benefit water resources by adding to knowledge of the resources that contribute to water quality. Increased education to the public would benefit water resources by teaching the public about the resources that exist, thereby including them in smart management practices.</p> <p>Management of Visitation, Facilities, and Uses – Monitoring Visitor Use: Management decisions based on data collected would benefit water resources if visitor use were to be altered so sensitive water resources could be avoided.</p> <p>Water Resources - Surface and Ground Water Resources: A compiled list of all water resources would benefit water resources because it would increase our knowledge of the resources that BLM and FS would protect and preserve. Coordinated management in times of drought would benefit water resources.</p>	<p>Management of Visitation, Facilities, and Uses – Monitoring Visitor Use: Same as A</p> <p>Water Resources - Surface and Ground Water Resources: Same as A</p>	<p>Management of Visitation, Facilities, and Uses – Monitoring Visitor Use: Same as A</p> <p>Water Resources - Surface and Ground Water Resources: Same as A</p>	<p>of water resources would be difficult and incomplete. This would adversely impact our ability to protect and preserve water resources.</p> <p>Management of Visitation, Facilities, and Uses – Monitoring Visitor Use: By not documenting usage of water resource areas, no information is available to base management decisions on and no method for ensuring protection and preservation of resources.</p> <p>Water Resources - Surface and Ground Water Resources: Long term management of water resources would be difficult and incomplete. This would adversely impact our ability to protect and preserve water resources.</p>

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Fire Ecology and Management and Forest Products and Material Collection	No actions proposed in this Management Plan would impact the current BLM and Forest Service ability to manage fires. The proposal to complete a coordinated fire management plan to include all those with fire management responsibility within the bounds of the National Monument would benefit fire management because it would improve the efficiency of current efforts. Collection will continue to occur according to BLM and FS policy. Only collection of a certain type of rock (tufa) is prohibited. This would have a positive impact to protection of tufa and minimal impact to casual collection of tufa as this is not a high use.			Fires would continue to be managed according to existing Fire Management Plans. Collection of tufa would remain to be allowed. Impacts to long term material collection from BLM land
Livestock Grazing and Farmlands	No actions proposed would affect the one grazing allotment occurring on FS land in the Monument.			
Transportation/Road/Hwy 74	Impacts to transportation systems and associated facilities would not occur except as they relate to Highway 74. Relative to Highway 74, coordination between Caltrans, Forest Service, and BLM in addressing the design of safe interpretive opportunities and safe passage would potentially enhance traffic flows and reduce accidents.			Coordination with Caltrans would continue on an as needed basis.
Utility and Public Services	No adverse impacts to utilities or public facilities would result. Utilities will continue to be addressed on a case-by-case basis consistent with existing BLM and FS plans.			
Wilderness	Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: Management and control of non-native, noxious weeds, and invasive species would enhance wilderness values. Biological Resources – Monitoring Program: Impacts to wilderness resources would be addressed upon identification of management actions developed in response to monitoring results.	Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: Same as A Biological Resources – Monitoring Program: Same as A	Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: Same as A Biological Resources – Monitoring Program: Same as A	Biological Resources – Habitat Management – Management of Noxious, Non-native, and Invasive Plant Species: Control of tamarisk would enhance wilderness values in the Santa Rosa Wilderness. Biological Resources – Monitoring Program: Impacts to wilderness resources from monitoring activities would be determined when specific actions are identified.

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Wilderness	<p>Recreational Resources – Pets- Outside Essential Bighorn Sheep Habitat: This alternative is consistent with the current management of the San Jacinto and Santa Rosa Wildernesses and would result in no additional impacts.</p> <p>Management of Visitation, Facilities, and Uses – Monitoring Visitor Use: Visitor use monitoring is currently taking place in the San Jacinto and Santa Rosa Wildernesses.</p> <p>Management of Visitation, Facilities, and Uses – Fire Plan: Forest Service policy requires that fire management activities within wilderness be compatible with overall wilderness management objectives. Current management does not involve wilderness managers and has the potential for suppression practices that impact wilderness values.</p>	<p>Recreational Resources – Pets- Outside Essential Bighorn Sheep Habitat: Pets would not be allowed in the San Jacinto and Santa Rosa Wildernesses, which would be consistent with Mt. San Jacinto State Park Wilderness management. Wilderness values would be enhanced, as pets would not disturb wildlife and other visitors. The restriction would impact visitors who like to hike with their pets.</p> <p>Management of Visitation, Facilities, and Uses – Monitoring Visitor Use: Same as A</p> <p>Management of Visitation, Facilities, and Uses – Fire Plan: Same as A</p>	<p>Recreational Resources – Pets- Outside Essential Bighorn Sheep Habitat: Same as Alternative B</p> <p>Management of Visitation, Facilities, and Uses – Monitoring Visitor Use: Same as A</p> <p>Management of Visitation, Facilities, and Uses – Fire Plan: Same as A</p>	<p>Recreational Resources – Pets- Outside Essential Bighorn Sheep Habitat: This alternative is consistent with the current management of the San Jacinto and Santa Rosa Wildernesses and would result in no additional impacts</p> <p>Management of Visitation, Facilities, and Uses – Monitoring Visitor Use: Visitor use monitoring is currently taking place in the San Jacinto and Santa Rosa Wildernesses.</p> <p>Management of Visitation, Facilities, and Uses – Fire Plan: Same as A</p>

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Social and Economic Conditions Including impacts to use of facilities	<p>Cultural Resources Strategy – Including Research, Inventory, etc.: An on-going, balanced approach to the culturally significant sites within the Monument would result in beneficial impact associated with social and economic conditions. Access to sites is likely to result in increased, and thereby increase economic benefits to the surrounding communities. The social importance of the Monument to local tribes is considerable. The economic and social benefits associated with the education of the public on culturally significant resources in the area will be lost if some controlled access is not made available.</p> <p>Recreational Resources - Forest Service Adventure Pass: This alternative would result in a potential loss of revenues for the Forest Service, and therefore could have a negative impact on its ability to provide services. Conversely, these alternatives would have no impact on BLM resources, since no fee is currently charged.</p> <p>Educational Resources Strategy – Including Public</p>	<p>Cultural Resources Strategy – Including Research, Inventory, etc.: Same as A</p> <p>Recreational Resources - Forest Service Adventure Pass: Same as A</p> <p>Educational Resources Strategy – Including Public</p>	<p>Cultural Resources Strategy – Including Research, Inventory, etc.: Same as A</p> <p>Recreational Resources - Forest Service Adventure Pass: This alternative would result in a potential beneficial impact to the BLM, insofar as it does not currently receive revenue for access to its lands. The alternative would have no impact on Forest Service resources, since the fee is currently charged.</p> <p>Educational Resources Strategy – Including Public Information, Signage,</p>	<p>Cultural Resources Strategy – Including Research, Inventory, etc.: Plans already in place by both the BLM and the Forest Service will result in similar impacts to cultural resources as described in A.</p> <p>Recreational Resources - Forest Service Adventure Pass: This alternative would result in a continuation of existing activities, and therefore would not be expected to have any impact on social or economic conditions.</p> <p>Educational Resources Strategy – Including Public Information, Signage,</p>

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Social and Economic Conditions Including impacts to use of facilities	Information, Signage, Education and Interpretation: This could have a significant beneficial impact on surrounding communities' economic conditions through increases in sales and transient occupancy revenues. The development and dissemination of handouts, brochures and signage could benefit surrounding communities, insofar as local providers could be contracted to complete work. Management of Visitation, Facilities, and Uses – Private Property Access: These alternatives require that easements or acquisitions be undertaken to secure access. The BLM and Forest Service will compensate private landowners, which results in beneficial impacts to economic conditions. Management of Visitation, Facilities, and Uses – Private Property Concerns: Private property owners within and adjacent to the planning area will benefit from the increased efforts of the BLM and Forest Service in cooperation, improving social conditions for land owners. Management of Visitation, Facilities, and Uses –Facility	Information, Signage, Education and Interpretation: Same as A Management of Visitation, Facilities, and Uses – Private Property Access: Same as A Management of Visitation, Facilities, and Uses – Private Property Concerns: Same as A Management of Visitation, Facilities, and Uses – Facility Development: Same	Education and Interpretation: Same as A Management of Visitation, Facilities, and Uses – Private Property Access: Same as A Management of Visitation, Facilities, and Uses – Private Property Concerns: Same as A Management of Visitation, Facilities, and Uses – Facility Development:	Education and Interpretation: This alternative would result in a continuation of existing activities, and therefore would not be expected to have any impact on social or economic conditions. Management of Visitation, Facilities, and Uses – Private Property Access: This alternative would result in a continuation of existing activities, and therefore would not be expected to have any impact on social or economic conditions. Management of Visitation, Facilities, and Uses – Private Property Concerns: This alternative would result in a continuation of existing activities, and therefore would not be expected to have any impact on social or economic conditions. Management of Visitation, Facilities, and Uses –Facility Development: This alternative

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Social and Economic Conditions Including impacts to use of facilities	Development: The development of new facilities could represent a beneficial economic impact, contracts will be let when new facilities are constructed, which could be secured by the businesses and residents in surrounding communities. Local beneficial impact also extends to multiplier impacts – those associated with second and third tier sales due to the increase in sales of the direct contractor.	as A	Same as A	would result in a continuation of existing activities, and therefore would not be expected to have any impact on social or economic conditions.
Environmental Justice	Actions proposed would not disproportionately impact minorities or special populations and would not impact any segment of the population more so than others. Proposals for public information to be provided in other languages would benefit local minority populations.			No Action would not disproportionately impact minorities or special populations and would not impact any population segment more so than others.
Hazardous Materials	Recreation Resources - Recreational Shooting: Recreational shooting would be permitted within designated shooting areas within the Monument. By designating shooting areas, lead from shell casings would be concentrated in one area and people would be required to pick up shell casings and other garbage.	Recreation Resources - Recreational Shooting: Trash and shell casings left behind as a result of dispersed recreational shooting which in turn may result in ground water contamination and other environmental hazards, would be more difficult to monitor and impacts to the Monument resources over time may be greater, but go undetected.	Recreation Resources - Recreational Shooting: Prohibition of shooting would result in no lead shell casing contamination of the Monument.	Recreation Resources - Recreational Shooting: Under current plans (CDCA 1980 – as amended, Forest Service SBNF 1989) recreational shooting is allowed everywhere except at developed sites and within 150 yards of developed sites, respectively. Current dispersed shooting may lead to increased trash dumping and the accumulation of lead in the environment.